

EER KEY - Utah Quarterly Report Format - ASCII Flat File - For EPA Region VIII

SOURCE INFORMATION

Type Code 100 Company Information	Type Code	Company Manager	Company Name	Mailing Address	City, State & Zip Code	AIRS #	Phone Number	Environmental Contact						
Type Code 110 Source Identification	Type Code	Source	Quarter 1 - 4	Year	Source Operating Hrs in Quarter									

MONITORING INFORMATION & CALIBRATION

Type Code 200 Monitor Identification	Type Code	Source	Channel	Manufacturer	Model #	Monitor SN	Low Span	High Span	Installation date	Monitor Location				
Type Code 210 Pollution Concentration Exceeded Span of CEM	Type Code	Source	Channel	Start date	Start time	End Date	End Time							
Type Code 220 Monitor Outage During Source Operation	Type Code	Source	Channel	Start date	Start time	End date	End time	Reason code	Action code	Out-of Control - (yes/No)				
Type Code 230 Manual Sample - Alternate Sampling During Monitor Outage	Type Code	Source	Channel	Start date	Start time	End Date	End Time							
Type Code 240 CEM Modifications	Type Code	Source	Channel	Date	Document Attached (Yes/No)	Comments								
Type Code 250 RATA results	Type Code	Source	Channel	Date of most current RATA	Date of preceding RATA	Months between RATA's	Units of measurement	CEM value	Reference Method value	Relative accuracy	Pass/ Fail			
Type Code 260 CGA results	Type Code	Source	Channel	Date	Audit Point No.	Cylinder ID	Cylinder Expiration Date	Type of Cert.	Units of measurement	CEM value	Cylinder Value	Precision (%)	Pass/ Fail	Range - high or low
Type Code 270 Linearity test results	Type Code	Source	Channel	Date	Audit point	Cylinder ID	Cylinder Expiration Date	Type of Cert.	Units of measurement	CEM value	Cylinder Value	Precision (%)	Pass/ Fail	Range - high or low

SUMMARY REPORT

Type Code 300	Type Code	Source	Channel	Monitor SN	Downtime - % of total operating hours	Total CMS Downtime	Hours - monitor malfunction	Hours - non-monitor malfunction	Hours - QA calibrations	Hours - other known causes	Hours - unknown causes	
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EER KEY

CMS Performance Summary

Type Code 310	Type Code	Source	Channel	Total hours of Excess Emissions	Excess emissions - % of total operating hours	Hours - startup and shutdown	Hours Control equip. Problems	Hours -Process Problems	Hours -Other known causes	Hours -unknown causes	Emission Limitation	Emission Limitation units	Emission limitation averaging period
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Emission Excess Emissions - Summary Report

EXCESS EMISSIONS REPORT

Type Code 400	Type Code	Source	Start date	Start time	Magnitude of Excess Emissions	Reason code	Action Code
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Opacity Excess Emissions

Type Code 410	Type Code	Source	Start date	Start time	Magnitude of Excess Emissions	Reason code	Action code
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SO2 Excess Emissions

Type Code 411	Type Code	Source	Date	30 day average	Percent removal	Reason code	Action Code
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Daily SO2 emissions

Type Code 420	Type Code	Source	Start date	Start time	Magnitude of Excess Emissions	Reason code	Action code
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NOx Excess Emissions

Type Code 430	Type Code	Source	Start date	Start time	Magnitude of Excess Emissions	Reason code	Action code
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H2S Excess Emissions

Type Code 440	Type Code	Source	Start date	Start time	Magnitude of Excess Emissions	Reason code	Action code
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CO Excess Emissions

Type Code 450	Type Code	Source	Channel	Start date	Start time	End Date	End Time	Reason code	Action code
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Data Excluded

OPERATIONS

Type Code 500	Type Code	Source	Channel	Date	Reason code	Action code
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Boiler operating day w/o 18 hours of data

Type Code 510	Type Code	Source	Channel	F-Factor	Fuel Type	Equation (Method 19 No.)
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F-factor, Equations & Conversion Factors

Type Code 520	Type Code	Source	Channel	Date	Document Attached (Yes/No)	Comment
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Minimum Data not Obtained (<22/30 BODs)

EER KEY

Type Code 530						
	Type Code	Source	Channel	Date	Document Attached (Yes/No)	Comment
Excess Emissions During Emergency Conditions						
Type Code 540						
	Type Code	Source	Channel	Date	Document Attached (Yes/No)	Comment
Fuel Pre-Treatment Credit (SO2)						
Type Code 550						
	Type Code	Source	Channel	Date	Document Attached (Yes/No)	Comment
Changes in Operation in Control Equipment When CEM Data Not Available						

SIGNED STATEMENT

Type Code 600						
	Type Code	Source	QA/QC Activities Completed (Y/N)	Data Obtained Representative (Y/N)	Minimum data Req'ts Met (Y/N)	Compliance w/ Standard Achieved (Y/N)
Quarterly Signed Statements Attached						

REASON CODES AND EXPLANATIONS

Type Code 700			
	Type Code	Reason Code #	Description of Reason code
Excess Emission Reason codes	700	701	Startup/Shutdown
	700	702	Control Equipment Problems
	700	703	Process Problems
	700	704	Other Know Causes
	700	705	Unknown Causes
	700	706	Soot Blowing
	700	707	Fuel Problems
	700		
Type Code 720			
	Type Code	Reason Code #	Description of Reason code
CMS Reason codes	720	721	Monitor equipment malfunction
	720	722	Non-monitor equipment malfunction
	720	723	QA Calibrations
	720	724	Other Know Causes
	720	725	Unknown Causes
	720	726	
Type Code 730			
	Type Code	Reason Code #	Action Code # Description of action code
Action codes & Description	730	701	A Example